

National Healthcare Agreement: PI 03—Prevalence of overweight and obesity, 2021

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National Healthcare Agreement: PI 03—Prevalence of overweight and obesity, 2021

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 03—Prevalence of overweight and obesity, 2021
METEOR identifier:	725824
Registration status:	Health , Standard 03/07/2020
Description:	Prevalence of overweight and obesity in adults and children.
Indicator set:	National Healthcare Agreement (2021) Health , Standard 19/11/2020
Outcome area:	Prevention Health , Standard 07/07/2010

Collection and usage attributes

Computation description:	<p>Body Mass Index (BMI) is calculated as weight (in kilograms) divided by the square of height (in metres).</p> <p>For adults, underweight is defined as a BMI less than 18.5, normal is defined as a BMI of 18.5 to less than 25.0, overweight is defined as a BMI of 25.0 to less than 30.0 and obese is defined as a BMI of greater than or equal to 30.0.</p> <p>For children, underweight is defined as a BMI (appropriate for age and sex) that is likely to be less than 18.5 at age 18, normal is defined as a BMI (appropriate for age and sex) that is likely to be 18.5 to less than 25.0 at age 18, overweight is defined as a BMI (appropriate for age and sex) that is likely to be 25.0 to less than 30.0 at age 18 and obese is defined as a BMI (appropriate for age and sex) that is likely to be greater than or equal to 30.0 at age 18, based on centile curves. See Appendix 4: Classification of BMI for children in Australian Health Survey: Users' Guide, 2017–18 (ABS cat. no. 4363.0.55.001) (ABS 2019c) for BMI values.</p> <p>Rates are directly age-standardised to the 2001 Australian population.</p> <p>Excludes pregnant women where identified. For people who did not have their height or weight measured, height and weight were imputed (see comments below for more details).</p> <p>Analysis by remoteness and Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) is based on usual residence of person.</p> <p>Presented as a percentage.</p> <p>95% confidence intervals and relative standard errors calculated for rates.</p>
Computation:	<p>$100 \times (\text{Numerator} \div \text{Denominator})$</p> <p>Calculated separately for adults and children.</p>
Numerator:	<p>Adults: Number of persons aged 18 and over who are overweight or obese.</p> <p>Children: Number of persons aged 5–17 who are overweight or obese.</p>

Numerator data elements:**Data Element / Data Set****Data Element**

Adult—Body Mass Index

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Child—Body Mass Index

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Adult—Body Mass Index

Data Source

[ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Child—Body Mass Index

Data Source

[ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Denominator:

Adults: Population aged 18 and over

Children: Population aged 5–17

Denominator data elements:

Data Element / Data Set

Data Element

Person—age

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—age

Data Source

[ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Disaggregation:

For each of adults and children, state and territory, by:

- sex by age (adults only) (not reported)
- Indigenous status
- remoteness (Australian Statistical Geography Standard (ASGS) 2016 Remoteness Structure)
- 2016 Socio-Economic Indexes for Areas (SEIFA) Index of Relative Socio-Economic Disadvantage (IRSD) quintiles (not reported)
- BMI category (underweight, normal, overweight, obese)
- disability status (not reported)

For adults, nationally, by (all not reported):

- sex by remoteness (ASGS 2016 Remoteness Structure)
- 2016 SEIFA IRSD deciles
- remoteness (ASGS 2016 Remoteness Structure) by 2016 SEIFA IRSD deciles.

Some disaggregation may result in numbers too small for publication.

Disaggregation data elements:

Data Element / Data Set

Data Element

Person—age

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set

Data Element

Person—area of usual residence

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey
Used for disaggregation by state/territory, remoteness and SEIFA of residence

Data Element / Data Set**Data Element**

Person—disability status

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Person—Indigenous status

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Person—sex

Data Source

[ABS 2017–18 National Health Survey \(NHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Person—age

Data Source

[ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Data Element / Data Set**Data Element**

Person—area of usual residence

Data Source

[ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Guide for use

Data source type: Survey

Used for disaggregation by state/territory, remoteness and SEIFA of residence

Comments:

Most recent data available for 2021 National Healthcare Agreement performance reporting: 2017–18 (total population, non-Indigenous: NHS); 2018–19 (Indigenous only: NATSIHS).

NO NEW DATA FOR 2021 REPORTING.

Data are based on measured height and weight, though respondents were also asked to self-report their height and weight. BMI derived from measured height and weight is preferable to that derived from self-reported height and weight.

In the 2017–18 NHS, 33.8% of respondents aged 18 years and over did not have their height or weight measured. For these people, height and weight were imputed using a range of information including their self-reported height and weight. For more information see [Appendix 2: Physical measurements in the 2017–18 National Health Survey in National Health Survey: First results, 2017–18](#) (ABS cat. no. 4364.0.55.001) (ABS 2019b).

In the 2018–19 NATSIHS, 55.8% of respondents aged 18 years and over did not have their height or weight measured. For these people, height and weight were imputed using a range of information including their self-reported height and weight. For more information see [Explanatory notes in the National Aboriginal and Torres Strait Islander Health Survey, 2018–19](#) (ABS cat. no. 4715.0) (ABS 2019a).

Representational attributes

Representation class:	Percentage
Data type:	Real
Unit of measure:	Person
Format:	N[NN].N

Indicator conceptual framework

Framework and dimensions:	Health behaviours
	Bio-medical factors

Data source attributes

Data sources:**Data Source**

[ABS 2017–18 National Health Survey \(NHS\)](#)

Frequency

Every 3 years

Data custodian

Australian Bureau of Statistics

Data Source

[ABS 2018-19 National Aboriginal and Torres Strait Islander Health Survey \(NATSIHS\)](#)

Data custodian

Australian Bureau of Statistics

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Bureau of Statistics

Benchmark: [PB d-Better health: by 2018, increase by five percentage points the proportion of Australian adults and children at a healthy body weight, over the 2009 baseline, 2021](#)

Further data development / collection required: Specification: Final, the measure meets the intention of the indicator.

Source and reference attributes

Reference documents: Australian Bureau of Statistics (ABS) 2019a. *National Aboriginal and Torres Strait Islander Health Survey, 2018–19*, ABS cat. no. 4715.0. Canberra: ABS. Viewed 7 May 2030, <https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4715.0>Main+Features12018-19?OpenDocument>

ABS 2019b. *National Health Survey: First Results, 2017–18*, ABS cat. no. 4364.0.55.001. Canberra: ABS. Viewed 7 May 2020, <https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4364.0.55.001>Main+Features100192017-18?OpenDocument>

ABS 2019c. *National Health Survey: Users' Guide, 2017–18*, ABS cat. no. 4363.0. Canberra: ABS. Viewed 7 May 2020, <https://www.abs.gov.au/AUSSTATS/abs@.nsf/Lookup/4363.0>Main+Features12017-18?OpenDocument>

Relational attributes

**Related metadata
references:**

Supersedes [National Healthcare Agreement: PI 03—Prevalence of overweight and obesity, 2020](#)

[Health](#), Standard 13/03/2020

Has been superseded by [National Healthcare Agreement: PI 03—Prevalence of overweight and obesity, 2022](#)

[Health](#), Standard 24/09/2021

See also [Australian Health Performance Framework: PI 1.2.1—Rates of current daily smokers, 2019](#)

[Health](#), Superseded 13/10/2021

See also [Australian Health Performance Framework: PI 1.2.3—Levels of risky alcohol consumption, 2019](#)

[Health](#), Superseded 13/10/2021

See also [Australian Health Performance Framework: PI 1.3.1—Prevalence of overweight and obesity, 2019](#)

[Health](#), Superseded 13/10/2021

See also [Australian Health Performance Framework: PI 2.1.6—Potentially avoidable deaths, 2019](#)

[Health](#), Superseded 01/12/2020

See also [National Healthcare Agreement: PB d—Better health: by 2018, increase by five percentage points the proportion of Australian adults and children at a healthy body weight, over the 2009 baseline, 2021](#)

[Health](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 04—Rates of current daily smokers, 2021](#)

[Health](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 05—Levels of risky alcohol consumption, 2021](#)

[Health](#), Standard 03/07/2020

See also [National Healthcare Agreement: PI 16—Potentially avoidable deaths, 2021](#)

[Health](#), Standard 03/07/2020